PTO/SB/05 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE and to a collection of information unless it displays a valid OMB control number Under the Paperwork Reduction Act of 1995, no persons are required to

UTILITY PATENT APPLICATION TRANSMITTAL

in ou to to	opona to a concodor	TO I I I I I I I I I I I I I I I I I I I					
Attorney Docket No. First Inventor		FBT-001 SMITH, Adam, James					

(Only for new non	provisional applications u	nder 37 CFR 1.53(b))	<u> </u>								
Expres		ss Mail Label No. EV 309882204 US						_			
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.			MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450						U.S. PT 35578		
2.	d arrangement set forth belo riptive title of the invention is Reference to Related Appi ment Regarding Fed sponsi rence to sequence listing, a computer program listing ap ground of the Invention Summary of the Invention Summary of the Invention Description of the Drawings led Description (s) act of the Disclosure (s) (35 U.S.C. 113) ration My executed (original or py from a prior applicatio continuation/divisional with & DELETION OF INVEN Signed statement attached named in the prior applicatio see 37 CFR 1.63(d)(2) and tion Data Sheet. See 37	Total Pages 2 (if filed) [Total Sheets [Total Sheets [Total Sheets [Total Sheets]] (if filed) [Total Sheets [Total Sheets]] [Copy) In (37 CFR 1.63(d)) [Copy] In (37 CFR 1.63(d)) [Copy] In (37 CFR 1.63(d)) [Copy] [Cop	2]	9. 10. 11. 12. 13. 14. 15. 16.	Cor Nucleoti (if applic (if applic a. Co. Speci b. Speci c. S Ass Ass Ass Info Stat X Prei X (Sh Corr Curr Curr Curr Corr Corr	nputed and able, computed tatem tatem tatem tatem tatem the control of the control of tatem and tatem tatem are control of tatem and tatem are control of tate	or CD- or Prograd/or Arrall necesuter Rea on Sequenter Rea on Sequenter Rep on DMPAN on Discint (IDS)/ or Arrall Sequenter Rep on Sequenter Rep on Discint (IDS)/ or Arrall Sequenter Rep on Discint (IDS)/ or Arrall Sequenter Rep on Sequenter Rep	R in duplic am (Appen Appen Ap	ate, large dix) equence S m (CRF) g on: (2 copies) atity of abo PPLICATI sheet & do X (2 IPEP 503) ized) ocument(s) der 35 U.S PTO/SB/3	cable or submission su	
X Continua	wing the title, or in an Apation Divisional	Continuation Data Sneet			.76: of prior a	nlica	tion No		DCT/C	BA2/A262	9
النتا				•	or prior a	piice				B02/02638 N/A	<u> </u>
	on information: Examine TON OR DIVISIONAL A				e prior an	plica	Art Unit				unnlied
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.											
19. CORRESPONDENCE ADDRESS											
x Customer Number: 00959] ()R		Сопеѕро	ndence ad	dress below		
Name	Name LAHIVE & COCKFIELD, LLP John D. Lanza										
Address	28 State Street										
			MA				Zip Code	0210	09		
		(617) 227-	740	0	Fa	× (617	') 742-421	4		
Name (Print/	Type) John D/L	anza— /		F	Registratio	n No	. (Attorr	ney/Agent)	40,0	060	
Signature	Z (C	lu)	La	<u>~</u>				Date		ber 11, 20	003
15-1 16	V.										

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 309882204 US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: December 11, 2003

Signature!

(John D. Lanza)

PTO/SB/17 (10-03)
Approved for use through 7/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FFF TDANCMITTAL			Complete if Known						
FEE TRANSMITTAL	i	Appli	cation	Numb	er Not Yet Assigned				
for FY 2004		Filing	Date		Concurrently Herewith				
 -		First Named Inventor			ntor SMITH, Adam, James				
Effective 10/01/2003, Patent fees are subject to annual revision.		Examiner Name			Not Yet Assigned				
X Applicant claims small entity status. See 37 CFR 1.27		Art Ur	nit		N/A				
TOTAL AMOUNT OF PAYMENT (\$) 421.00		Attorn	ey Do	cket No	o. FBT-001				
METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)								
Check Credit Money Other None X Deposit Account:	3. ADDITIONAL FEES								
Deposit	Large Entity Small Entity								
Account 12-0080 Number	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description Fee Paid				
Deposit Account Lahive & Cockfield, LLP	1051	130	2051	65	Surcharge – late filing fee or oath				
Name The Director is authorized to: (check all that apply)	1052	50	2052	25	Surcharge late provisional filing fee or cover sheet.				
X Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130	Non-English specification				
X Charge any additional fee(s) or any underpayment of fee(s)	1812	2,520	1812	2,520	For filing a request for ex parte reexamination				
Charge fee(s) indicated below, except for the filing fee	1804	920°	1804	920*	Requesting publication of SIR prior to Examiner action				
to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action				
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month				
1. BASIC FILING FEE	1252	420	2252	210	Extension for reply within second month				
Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month				
Fee Fee Fee Fee Fee Paid Code (\$) Code (\$)	1254	1,480	2254	740	Extension for reply within fourth month				
1001 770 2001 385 Utility filing fee 385.00	1255	2,010	2255	1,005	Extension for reply within fifth month				
1002 340 2002 170 Design filing fee	1401	330	2401	165	Notice of Appeal				
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal				
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing				
1005 160 2005 80 Provisional filing fee	1451	1,510	1451		Petition to institute a public use proceeding				
SUBTOTAL (1) (\$) 385.00	1452 1453	110 1,330	2452 2453	55 665	Petition to revive – unavoidable Petition to revive - unintentional				
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,330	2501	665	Utility issue fee (or reissue)				
Extra Fee from	1502	480	2502	240	Design issue fee				
Total Claims 24 -20** = 4 x 9.00 = 36.00	1503	640	2503		Plant issue fee				
Independent 3 -3** = 0 x 43.00 = 0	1460	130	1460	130	Petitions to the Commissioner				
Claims ————————————————————————————————————	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)				
Multiple Dependent = = = = =					· · · · · · · · · · · · · · · · · · ·				
Large Entity Small Entity Fee Fee	1806	180	1806		Submission of Information Disclosure Stmt Recording each patent assignment per				
Code (\$) Code (\$) Fee Description	8021	40	8021	40	property (times number of properties)				
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3	1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))				
1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each additional invention to be examined (37CFR 1.129(b))				
1204 86 2204 43 ** Reissue independent claims	1801	770	2801	385	Request for Continued Examination (RCE)				
over original patent 1205 18 2205 9 ** Reissue claims in excess of 20	1802	900	1802	900	Request for expedited examination of a design application				
and over existed natural	Other f	ee (spec	ify)		or a design approach				
SUBTOTAL (2) (\$) 36.00	*Redu	ced by E	- Basic Fili	ing Fee	Paid SUBTOTAL (3) (\$) 0.00				
**or number previously paid, if greater, For Reissues, see above									
SUBMITTED BY (Complete (if applicable))									
Name (Print/Type) John Danta	Registr	ation No	. 40	060	Tolophono (617) 227 7400				

SUBMITTED BY		(Complete	(if applicable))
Name (Print/Type) John D. Lanza	Registration No. (Attorney/Agent) 40,060	Telephone	(617) 227-7400
Signature Dun	ana	Date	December 11, 2003

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 309882204 US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.Q. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: December 11, 2003

Signature:

_ (John D. Lanza)

Application No. (if known):	Attorney Docket No.: FBT-00
-----------------------------	-----------------------------

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV 309882204 US in an envelope addressed to:

M.S. Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

on December 11, 2003

Date

John D. Lanza
Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Utility Patent Application Transmittal (1 page);

Fee Transmittal (1 page);

First Preliminary Amendment (7 pages);

Specification (26 pages);

2 drawings (2 sheets);

Information Disclosure Statement (2 pages);

Information Disclosure Statement by Applicant (1 page) and copies of all references cited therein; and Application Data Sheet (2 pages).